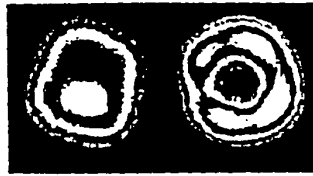


Fig. 1

Hermite-Gaussian  
mode VCSEL:

Fig. 2a



Laguerre-Gaussian  
mode VCSEL:

Fig. 2b

Fig. 3a

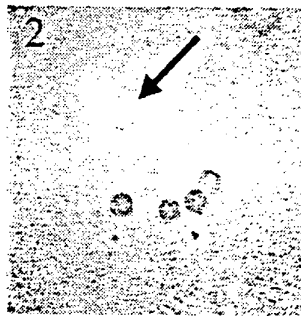
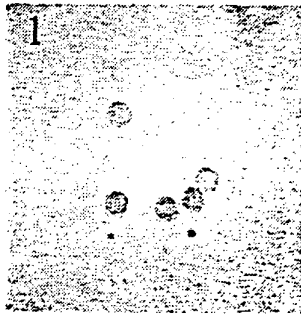


Fig. 3b

Fig. 3c

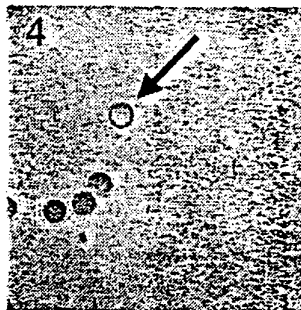
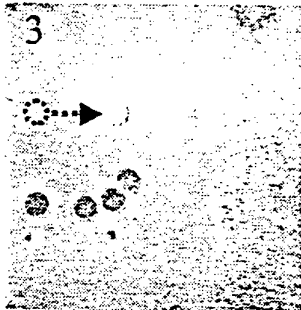


Fig. 3d

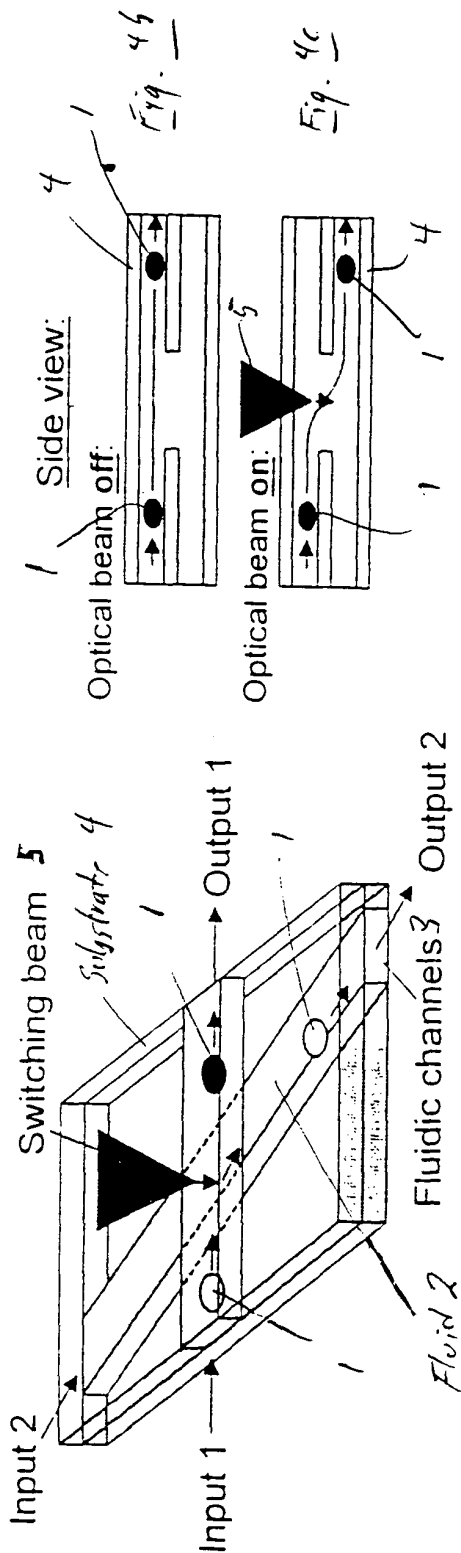


Fig. 4a

Fig. 5a

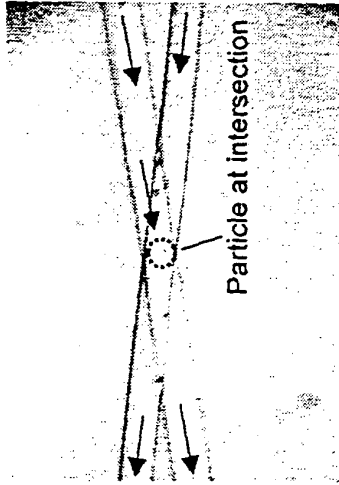


Fig. 5c

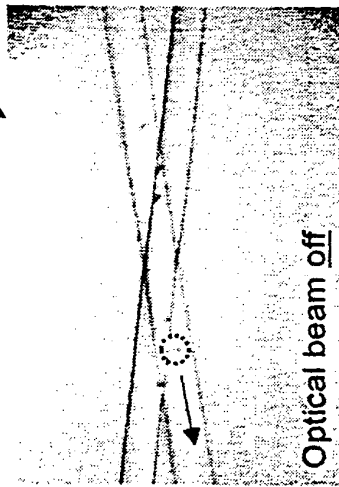


Fig. 5b

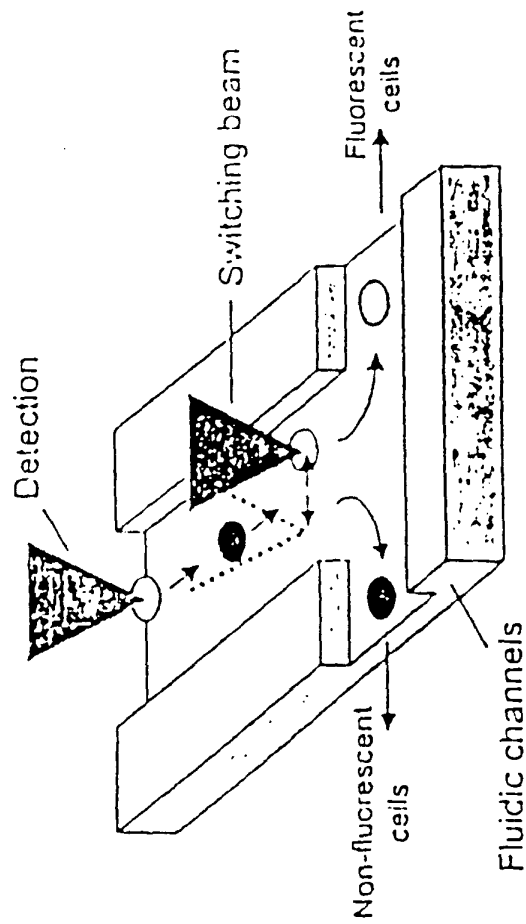


Fig 6

09998012.060602  
209090" 27086650

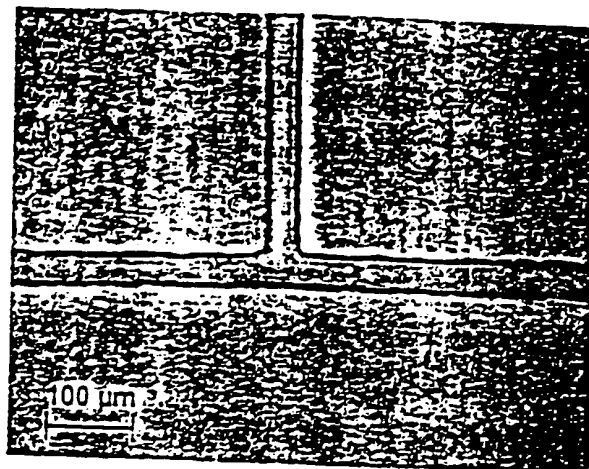


Fig. 79

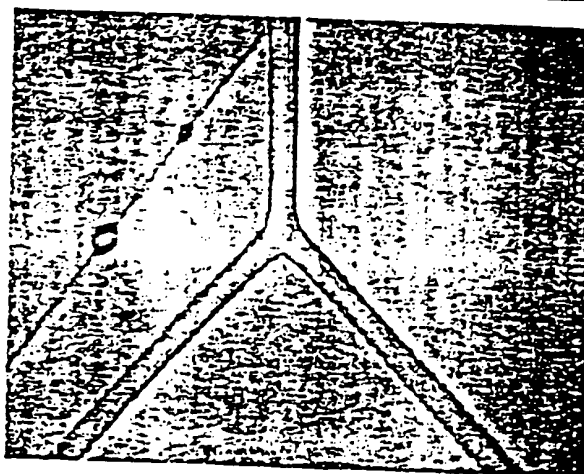


Fig. 75

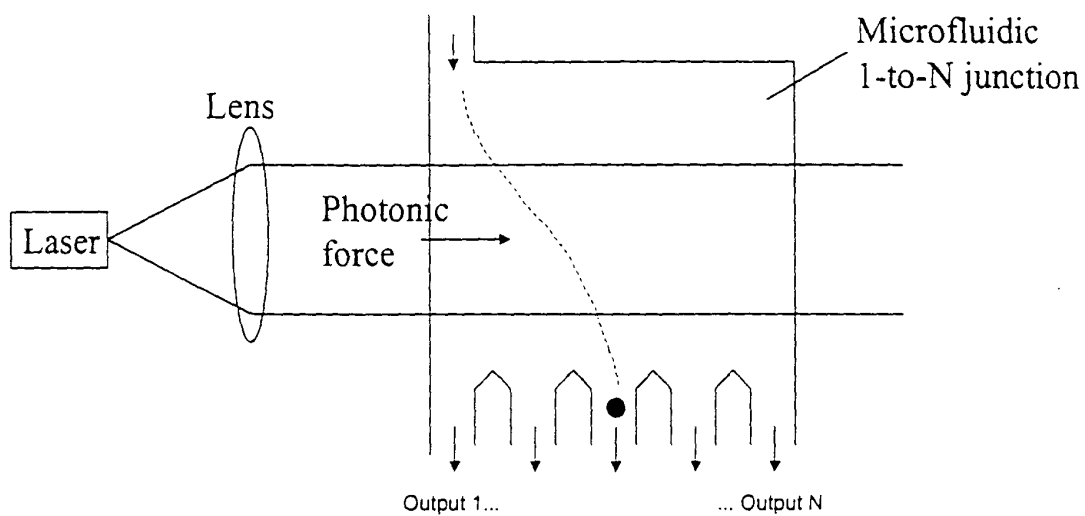


Figure 7.6 1-to-N optically-switched microfluidic junction

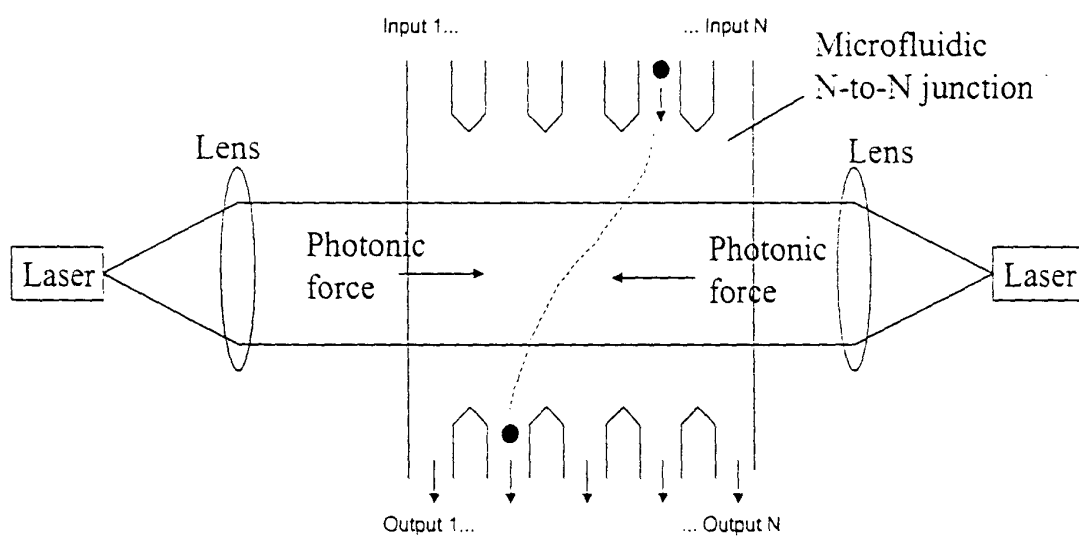


Figure 7.7 N-to-N optically-switched microfluidic junction

209090" 27086660

209090" 2T086660

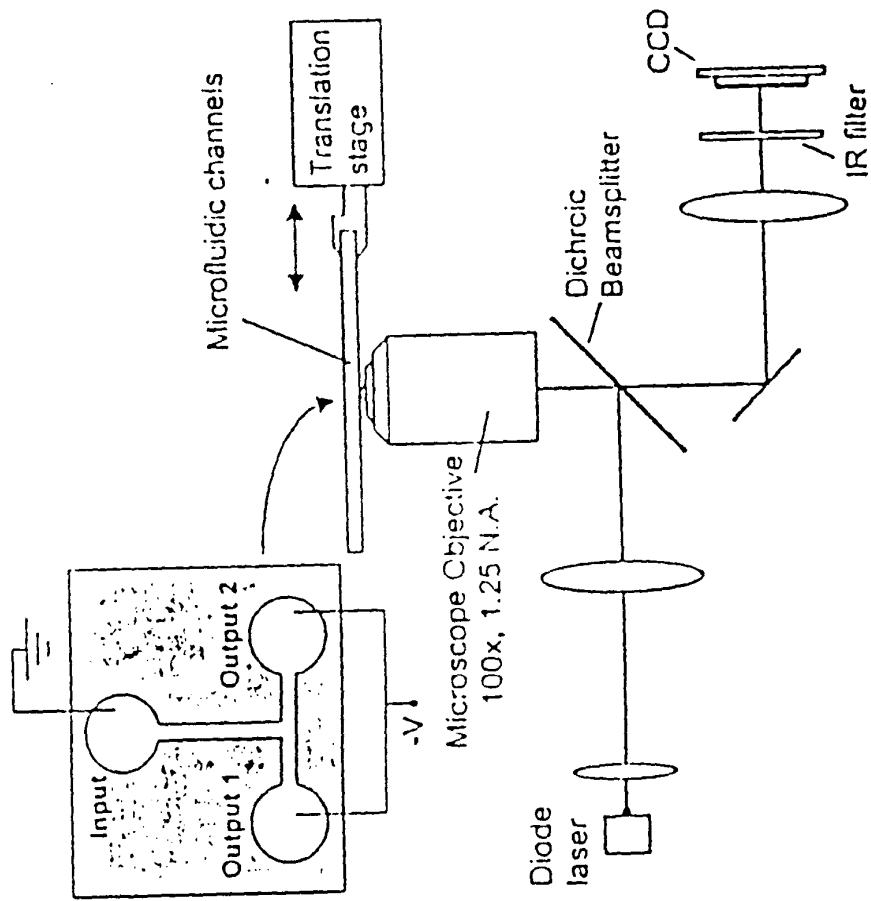


Fig. 8



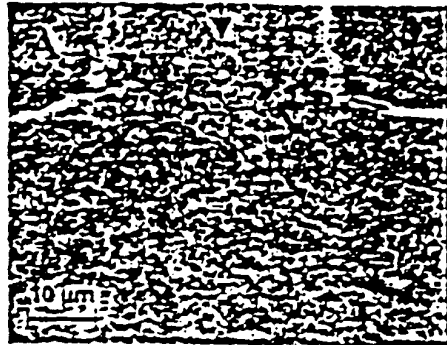


Fig. 9a

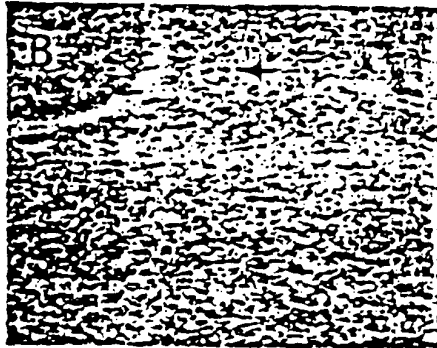


Fig. 9b

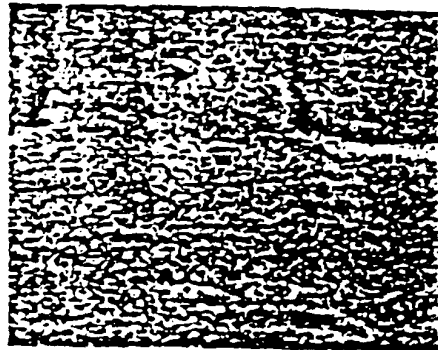


Fig. 9d

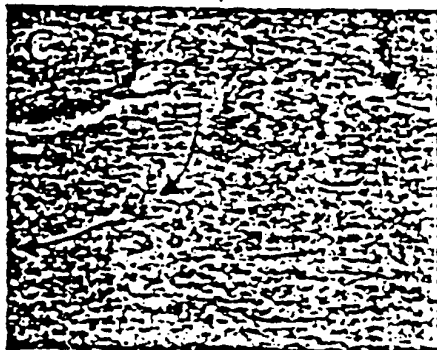


Fig. 9c



Fig. 9e